

Abstract

The present invention discloses the composition of antioxidant of bamboo leaves (AOB) and its use. The purpose of present invention is to provide a new food additive which is natural, nutritional, and muti-functional, and which is of rich resources, safety, good effect, and low cost. AOB is yellow or brown powders or particles obtained from bamboo leaves, wherein the main antioxidative components include flavones, lactones, phenolic acids. AOB can either inhibit lipid autoxidation chain reaction, or chelate transitional metal ions, and can be used as primary and second antioxidant. AOB can eliminate nitrite and inhibit the synthesis of N-nitrosamine, and has anti-bacteria, bacteriostatic, deodorizing, aroma enhancing etc. functions. AOB can be commonly used in oil-containing food, meat product, fishery product, expanded food etc. food systems.